UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

1400794

FORM D

PROJESSED
APR 1 1 2009

THOMSON FINANCIAL P NOTICE OF SALE OF SECURITIES
PURSUANT TO REGULATION D,
Section 4(6), AND/OR
UNIFORM LIMITED OFFERING EXEMPTION

OMB APPROVAL
OMB Number: 3235-0076
Expires: April 30, 2008
Estimated average burden
hours per response 1

SEC USE ONLY					
Prefix		Serial			
DA	TE RECEIV	ED			

Name of Offering (□ ch	eck if this is an amend	ment and name has c	hanged, and indica	te change.)	·		
- -	Offering (includes Co	ommon Stock issual	ble upon conversi	on, a warrant			k, Series C Preferred Stock suable upon exercise)
Filing Under (Check box(es) that apply):	☐ Rule 504	l □ Rul	505	E Rule 506	☐ Section 4(6)MAN ID ULOE"
Type of Filing:	X New Filing	☐ Amendment					Section
		A. B	ASIC IDENTIFIC	CATION DA	TA		ADD 0.2 9008
I. Enter the information	requested about the is	suer					
Name of Issuer (□ chec	k if this is an amendme	nt and name has cha	nged, and indicate	change.)			OC materials
LigoCyte Pharmaceut	icals, Inc.						Washington, DC
Address of Executive Offi	ces	(Number an	d Street, City, Stat	e, Zip Code)	Telephone Nu	mber (Including Area (Code)
2155 Analysis Drive, I	Bozeman, MT 5971	8			400	5-585-2733	
Address of Principal Busin (if different from Executive	•	(Number an	d Street, City, Stat	e, Zip Code)	Telephone Nu	mber (Including Area (Code)
Same							
Brief Description of Busin	iess				L		
Pharmaceutical resea	rch and developme	nt					
Type of Business Organiz						interior in the fil	
corporation	🗖 lin	nited partnership, alm	eady formed	O other	(please specify)	: 08(744110
☐ business tru	st 🛭 lin	nited partnership, to l	be formed				
		M	fonth Year	_	_	_	
Actual or Estimated Date	of Incorporation or Org	anization: 0	3 2008	E	Actual	☐ Estimated	
Jurisdiction of Incorporati	on or Organization: (Enter two-letter U.S.					
		CN for Canada; FN	for other foreign ju	urisdiction)	DE		

GENERAL INSTRUCTIONS

Federal:

Who Must File: All issuers making an offering of securities in reliance on an exemption under Regulation D or Section 4(6), 17 CFR 230.501 et seq. or 15 U.S.C. 77d(6).

When to File: A notice must be filed no later than 15 days after the first sale of securities in the offering. A notice is deemed filed with the U.S. Securities and Exchange Commission (SEC) on the earlier of the date it is received by the SEC at the address given below or, if received at that address after the date on which it is due, on the date it was mailed by United States registered or certified mail to that address.

Where to File: U.S. Securities and Exchange Commission, 450 Fifth Street, N.W., Washington, D.C. 20549.

Copies Required: Five (5) copies of this notice must be filed with the SEC, one of which must be manually signed. Any copies not manually signed must be photocopies of the manually signed copy or bear typed or printed signatures.

Information Required: A new filing must contain all information requested. Amendments need only report the name of the issuer and offering, any changes thereto, the information requested in Part C, and any material changes from the information previously supplied in Parts A and B. Part E and the Appendix need not be filed with the SEC.

Filing Fee: There is no federal filing fee.

State:

This notice shall be used to indicate reliance on the Uniform Limited Offering Exemption (ULOE) for sales of securities in those states that have adopted ULOE and that have adopted this form. Issuers relying on ULOE must file a separate notice with the Securities Administrator in each state where sales are to be, or have been made. If a state requires the payment of a fee as a precondition to the claim for the exemption, a fee in the proper amount shall accompany this form. This notice shall be filed in the appropriate states in accordance with state law. The Appendix to the notice constitutes a part of this notice and must be completed.

ATTENTION

Failure to file notice in the appropriate states will not result in a loss of the federal exemption. Conversely, failure to file the appropriate federal notice will not result in a loss of an available state exemption unless such exemption is predicated on the filing of a federal notice.

Enter the information requested for the following: 2. Each promoter of the issuer, if the issuer has been organized within the past five years; Each beneficial owner having the power to vote or dispose, or direct the vote or disposition of, 10% or more of a class of equity securities of the issuer; Each executive officer and director of corporate issuers and of corporate general and managing partners of partnership issuers; and Each general and managing partner of partnership issuers. Check ☐ Promoter Executive Officer Director ☐ Beneficial Owner ☐ General and/or Box(es) that Managing Partner Apply: Full Name (Last name first, if individual) Beeman, Donald P. Business or Residence Address (Number and Street, City, State, Zip Code) c/o LigoCyte Pharmaceuticals, Inc., 2155 Analysis Drive, Bozeman, MT 59718 ☐ Promoter Executive Officer ☐ Director General and/or ☐ Beneficial Owner Box(es) that Managing Partner Apply: Full Name (Last name first, if individual) Goodwin, Robert R., PhD Business or Residence Address (Number and Street, City, State, Zip Code) c/o LigoCyte Pharmaceuticals, Inc., 2155 Analysis Drive, Bozeman, MT 59718 Check ☐ Beneficial Owner Executive Officer ☐ Director General and/or ☐ Promoter Box(es) that Managing Partner Apply: Full Name (Last name first, if individual) Mikkola, Larry Business or Residence Address (Number and Street, City, State, Zip Code) c/o LigoCyte Pharmaceuticals, Inc., 2155 Analysis Drive, Bozeman, MT 59718 Check ☐ Beneficial Owner Executive Officer Director ☐ General and/or ☐ Promoter Box(es) that Managing Partner Apply: Full Name (Last name first, if individual) Richardson, Charles, PhD Business or Residence Address (Number and Street, City, State, Zip Code) c/o LigoCyte Pharmaceuticals, Inc., 2155 Analysis Drive, Bozeman, MT 59718 Check ☐ Promoter Executive Officer ☐ Director ☐ General and/or ☐ Beneficial Owner Box(es) that Managing Partner Apply: Full Name (Last name first, if individual) Stoneberger, Sharon Business or Residence Address (Number and Street, City, State, Zip Code) c/o LigoCyte Pharmaceuticals, Inc., 2155 Analysis Drive, Bozeman, MT 59718 Check Boxes ☐ Promoter ☐ Beneficial Owner ☐ Executive Officer Director ☐ General and/or that Apply: Managing Partner Full Name (Last name first, if individual) de Bethizy, Donald Business or Residence Address (Number and Street, City, State, Zip Code) c/o Targacept, Inc, 200 East First Street, Suite 300, Winston-Salem, NC 27101-4165 Check Boxes ☐ Promoter ☐ Beneficial Owner ☐ Executive Officer Director General and/or that Apply: Managing Partner Full Name (Last name first, if individual) Goebel, Markus Business or Residence Address (Number and Street, City, State, Zip Code) c/o Novartis Bioventures Ltd., 131 Front Street, Hamilton HM 12 Bermuda Check Boxes ☐ Promoter ☐ Executive Officer Director ■ Beneficial Owner ☐ General and/or that Apply: Managing Partner Full Name (Last name first, if individual) Hozoji, Hironori Business or Residence Address (Number and Street, City, State, Zip Code) c/o JAFCO Co., Ltd., 1-8-2, Marunouchi, Chiyoda-KU, Tokyo 100-005 Japan

A. BASIC IDENTIFICATION DATA

2. Enter the ir	iformation requested for the fo	Mouring							
	•	_							
 Each promoter of the issuer, if the issuer has been organized within the past five years; 									
 Each ber 	neficial owner having the pow	er to vote or dispose, or direct t	he vote or disposition of, 10% or	more of a class of equity sec	urities of the issuer;				
		•	ate general and managing partner	s of partnership issuers; and					
 Each ger 	neral and managing partner of	partnership issuers.							
Check	☐ Promoter	☐ Beneficial Owner	☐ Executive Officer	Director	☐ General and/or				
Box(es) that	- Tromote	- Deficicial Owline	Executive Officer	in Director	Managing Partner				
Apply:									
Full Name (Last	name first, if individual)								
Knight, Steph									
		Street, City, State, Zip Code)							
	iosciences, One Main Str	eet, 13 th Floor, Cambridge,	MA 02129						
Check Boxes	Promoter	☐ Beneficial Owner	☐ Executive Officer	Director	☐ General and/or				
that Apply:					Managing Partner				
Full Name (Last	name first, if individual)								
Royston, Ivor				<u></u>					
	dence Address (Number and								
		wne Centre Drive, Suite 2							
Check	☐ Promoter	☐ Beneficial Owner	☐ Executive Officer	Director	☐ General and/or				
Box(es) that Apply:					Managing Partner				
	name first, if individual)	· · · · · · · · · · · · · · · · · · ·							
Malinoski, Fr	•								
		Street, City, State, Zip Code)							
		ledImmune Way, Gaithers	shure, MD 20878						
Check	Promoter	Beneficial Owner	Executive Officer	☐ Director	☐ General and/or				
Box(es) that	Tromote	Es Belieficial Owles	D Executive Office	L Dilctor	Managing Partner				
Apply:					···				
Full Name (Last	name first, if individual)				-				
Forward Ventures V, L.P.,									
Business or Resi	dence Address (Number and	Street, City, State, Zip Code)							
	Centre Drive, Suite 200, S	an Diego, CA 92121							
Check Boxes	☐ Promoter	Beneficial Owner	☐ Executive Officer	☐ Director	☐ General and/or				
that Apply:					Managing Partner				
Full Name (Last	name first, if individual)								
Novartis Biov									
	dence Address (Number and	-							
	eet, Hamilton HM 12 Bei								
Check Boxes	☐ Promoter	Beneficial Owner	☐ Executive Officer	☐ Director	☐ General and/or				
that Apply:			 		Managing Partner				
· · · · · · · · · · · · · · · · · · ·	name first, if individual)								
	ntures Fund II Limited P			······					
	dence Address (Number and								
	II, 42 Crow Lane, Pembr		-						
Check Boxes that Apply:	☐ Promoter	Beneficial Owner	☐ Executive Officer	☐ Director	☐ General and/or				
				····	Managing Partner				
	name first, if individual)								
	Ventures, Inc.	SA Cite: CA							
Business or Residence Address (Number and Street, City, State, Zip Code)									
One MedImmune Way, Gaithersburg, MD 20878									
Check Boxes that Apply:	☐ Promoter	Beneficial Owner	☐ Executive Officer	☐ Director	General and/or Managing Partner				
	name Gree (findinideal)	<u> </u>			wanaging ranner				
Full Name (Last name first, if individual) Entities Affiliated with JAFCO Co., Ltd.									
	Business or Residence Address (Number and Street, City, State, Zip Code) 1-8-2, Marunouchi, Chiyoda-KU, Tokyo 100-005 Japan								
	IN THE RESERVE TO A LAND IN THE REPORT OF THE PARTY	u u u u w w w presid							

A. BASIC IDENTIFICATION DATA [Continued]

Enter the information requested for the following: 2. Each promoter of the issuer, if the issuer has been organized within the past five years; Each beneficial owner having the power to vote or dispose, or direct the vote or disposition of, 10% or more of a class of equity securities of the issuer; Each executive officer and director of corporate issuers and of corporate general and managing partners of partnership issuers; and Each general and managing partner of partnership issuers. Check ☐ Promoter Beneficial Owner ☐ Executive Officer ☐ Director ☐ General and/or Box(es) that Managing Partner Apply: Full Name (Last name first, if individual) GlaxoSmithKline Secretariat - U.S. Business or Residence Address (Number and Street, City, State, Zip Code) c/o Corporate Secretariat - U.S., 200 North 16th Street, Philadelphia, PA 19102 Check Boxes ☐ Promoter Beneficial Owner ☐ Director General and/or ☐ Executive Officer that Apply: Managing Partner Full Name (Last name first, if individual) Robert Warwood Family Limited Partnership Business or Residence Address (Number and Street, City, State, Zip Code) 15375 Rocky Mountain Road, Belgrade, MT 59714 Check Boxes ☐ Executive Officer ☐ Promoter Beneficial Owner ☐ Director ☐ General and/or that Apply: Managing Partner Full Name (Last name first, if individual) John and Charlotte Jutila Living Trust Business or Residence Address (Number and Street, City, State, Zip Code) 516 South Grand Avenue, Bozeman, MT 59715 Check Boxes ☐ Promoter Beneficial Owner ☐ Executive Officer ☐ Director General and/or that Apply: Managing Partner Full Name (Last name first, if individual) Robert Bargatze, Ph.D. Business or Residence Address (Number and Street, City, State, Zip Code) c/o LigoCyte Pharmaceuticals, Inc., 2155 Analysis Drive, Bozeman, MT 59718 Check Boxes ☐ Promoter Beneficial Owner ☐ Executive Officer ☐ Director General and/or that Apply: Managing Partner Full Name (Last name first, if individual) Gary and Dianne Bargatze Business or Residence Address (Number and Street, City, State, Zip Code) 4082 Sharp Road, Glenelg, MD 21737 Check Boxes ☐ Promoter Beneficial Owner ☐ Executive Officer ☐ Director General and/or that Apply: Managing Partner Full Name (Last name first, if individual) Business or Residence Address (Number and Street, City, State, Zip Code) Check Boxes ☐ Promoter ☐ Beneficial Owner ☐ Executive Officer ☐ Director ☐ General and/or that Apply: Managing Partner Full Name (Last name first, if individual) Business or Residence Address (Number and Street, City, State, Zip Code) Check Boxes ☐ Promoter ☐ Beneficial Owner ☐ Executive Officer ☐ Director ☐ General and/or that Apply: Managing Partner Full Name (Last name first, if individual) Business or Residence Address (Number and Street, City, State, Zip Code) Check Boxes Promoter ☐ Beneficial Owner Executive Officer ☐ Director ☐ General and/or that Apply: Managing Partner Full Name (Last name first, if individual) Business or Residence Address (Number and Street, City, State, Zip Code)

A. BASIC IDENTIFICATION DATA [Continued]

,				R.	INFORM	IATION ABO	OUT OFFER	RING				
I. Has	the issuer sold, or	does the issu	er intend to								Yes	No
Has the issuer sold, or does the issuer intend to sell, to non-accredited investors in this offering? Answer also in Appendix, Column 2, if filing under ULOE.										Œ		
2. Wha	t is the minimum	investment tl				_						
What is the minimum investment that will be accepted from any individual? Does the offering permit joint ownership of a single unit?									Yes	No		
or over the viceting perint joins or nessay or a single with manner.										E		
simil asso deald	r the information lar remuneration to ciated person or a er. If more than fi hat broker or deal	for solicitation gent of a brolive (5) persor	n of purchase ker or dealer	ers in connect registered w	tion with s ith the SEC	ales of securit C and/or with :	ies in the off a state or stat	ering. If a ples, list the r	person to be list name of the brol	ed is an cer or		
Full Name	e (Last name first	, if individual	1)									•
	Securities LL	-										
	or Residence Add	•		City, State, 2	(ip Code)							
117 East	t 55th Street, No	ew York, N	Y 10022									
Name of	Associated Broke	r or Dealer										<u> </u>
	Which Person Lis						_					
•	All States" or chec		•									All States
[AL]	[AK]	[AZ]	[AR]	[CA]	(CO)	[CT]	[DE]	[DC]	[FL]	[GA]	HII	[ID]
[IL]	[IN]	[[A]	[KS]	[KY]	[LA]	[ME]	{MD} ⊠	[MA]	[MI]	IMNI	[MS]	[MO]
[MT]	[NE]	[NV]	[NH]	ונאן	[NM]	[NY]X	(NC)	[ND]	[OH] ⊠	[OK]	[OR]	[PA]
[RI]	[SC]	[SD]	[TN]	ĮTXJ	ប្រា	[VT]	[VA]	[VA]	[WV]	ĮWIJ	[WY]	[PR]
	e (Last name first or Residence Add			City, State, 2	Zip Code)							
Name of A	Associated Broke	r or Dealer										
States in \	Which Person List	ted Has Solic	ited or Inten	ds to Solicit	Purchasers	<u> </u>						
(Check "A	All States" or chec	k individual	States)	***************************************			•••••					l All States
[AL]	[AK]	[AZ]	[AR]	[CA]	[CO]	(CT)	[DE]	[DC]	(FL)	[GA]	(HI)	[ID]
 [IL]	[IN]	[IA]	[KS]	[KY]	LA	[ME]	IMDI	[MA]	[MI]	[MN]	[MS]	 [МО]
[MT]	(NE)	[NV]	[NH]	[נאן	[NM]	[NY]	[NC]	[ND]	[OH]	(OK)	OR	[PA]
(RI)	SC	[SD]	(TNJ	[TX]	ועדן	ĮVT]	[VA]	[VA]	įwvj	(WI)	įwyj	[PR]
	e (Last name first				<u> </u>							
Business o	or Residence Add	ress (Number	r and Street,	City, State, 2	Lip Code)		<u> </u>					
Name of	Associated Broke	r or Dealer						 			<u>-</u>	
States in \	Which Person List	ted Has Solic	ited or Inten	ds to Solicit	Purchasers	i						
•	All States" or chec	k individual	States)				***************************************					All States
[AL]	[AK]	[AZ]	[AR]	[CA]	[CO]	[CT]	[DE]	[DC]	[FL]	[GA]	[HI]	[ID]
[IL]	[IN]	[IA]	[KS]	[KY]	[LA]	(ME)	[MD]	[MA]	[MI]	[MN]	[MS]	[MO]
[MT]	[NE]	[NV]	[NH]	[נאן	INMI	ĮХYJ	[NC]	[ND]	ЮН	[OK]	[OR]	[PA]

[VT]

[VA]

[VA]

[WV]

[WI]

[WY]

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ועדן

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[RI]

ISCI

[SD]

[TN]

C. OFFERING PRICE, NUMBER OF INVESTORS, EXPENSES AND USE OF PROCEEDS Enter the aggregate offering price of securities included in this offering and the total amount already sold. Enter "0" if answer is "none" or "zero." If the transaction is an exchange offering, check this box \(\square\) and indicate in the columns below the amounts of the securities offered for exchange and already exchanged. Type of Security Aggregate Amount Already Offering Price Sold Debt..... 14,960,335* 14,960,335* Equity ☐ Common X Preferred 265,000** 265,000** Convertible Securities (including warrants) Partnership Interests Total..... 15,225,335 15,225,335 Answer also in Appendix, Column 3, if filing under ULOE. * Represents Series C Preferred Stock Enter the number of accredited and non-accredited investors who have purchased securities in this offering and the aggregate dollar amounts of their purchases. For offerings under Rule 504, **Represents a warrant to purchase Series C Preferred indicate the number of persons who have purchased securities and the aggregate dollar amount of Stock and warrants to purchase Common Stock their purchases on the total lines. Enter "0" if answer is "none" or "zero." Aggregate Number Dollar Amount Investors of Purchases 23 \$ 15,225,335 Accredited Investors..... Non-accredited Investors 0 \$_____0 Total (for filings under Rule 504 only) Answer also in Appendix, Column 4, if filing under ULOE. If this filing is for an offering under Rule 504 or 505, enter the information requested for all securities sold by the issuer, to date, in offerings of the types indicated, in the twelve (12) months prior to the first sale of securities in this offering. Classify securities by type listed in Part C -Ouestion 1. Type of **Dollar Amount** Security Sold Type of Offering Rule 505 Regulation A Rule 504 Total..... a. Furnish a statement of all expenses in connection with the issuance and distribution of the securities in this offering. Exclude amounts relating solely to organization expenses of the issuer. The information may be given as subject to future contingencies. If the amount of an expenditure is not known, furnish an estimate and check the box to the left of the estimate.

Transfer Agent's Fees Printing and Engraving Costs..... Legal Fees \$ 400,000 Accounting Fees..... Engineering Fees Sales Commissions (specify finders' fees separately) Finders' Fees 770,000 Other Expenses (Identify) Blue Sky Fees 1,500 1,171,500

•									
C. OFFERING PRICE, NUMBER OF I	NVESTORS, EXPENSES AND	USE OF PROCEEDS							
 Enter the difference between the aggregate offering price giver furnished in response to Part C – Question 4.a. This difference is the 	\$ <u>14,053,835</u>								
Indicate below the amount of the adjusted gross proceeds to the issuer used or proposed to be used for each of the purposes shown. If the amount for any purpose is not known, furnish an estimate and check the box to the left of the estimate. The total of the payments listed must equal the adjusted gross proceeds to the issuer set forth in response to Part C - Question 4.b above.									
		Payment to Officers, Directors, & Affiliates	Payment To Others						
Salaries and fees		□ \$	□ \$						
Purchase of real estate		□ \$	□ \$						
Purchase, rental or leasing and installation of machinery and equipment		□ \$	□ \$						
Construction or leasing of plant buildings and facilities		□ \$	□ \$						
Acquisition of other businesses (including the value of securities involved may be used in exchange for the assets or securities of another issuer purs	in this offering that uant to a merger)	□ s	□ s						
Repayment of indebtedness		□ s	□ \$						
Working capital		□ s	E \$ 14,053,835						
• .		□ s	□ \$						
Other (specify):									
Carlot (Openity)		□ s	S						
Column Totals		□ s	E \$ 14,053,835						
Total Payments Listed (column totals added)			14,053,835						
D. FED	ERAL SIGNATURE								
The issuer had duly caused this notice to be signed by the undersigned duly au an undertaking by the issuer to furnish to the U.S. Securities and Exchange Connon-accredited investor pursuant to paragraph (b)(2) of Rule 502.									
Issuer (Print or Type)	Signature	 -	Date						
LigoCyte Pharmaceuticals, Inc.	Porusque	un	March <u>28</u> , 2008						
Name of Signer (Print or Type)	Title of Signer (Print or Type)	•							
Dount Gum Donald P. Beeman	Chief Executive Officer								
	CHIEF MACCHITE CHIEF.								

ATTENTION

Intentional misstatements or omissions of fact constitute federal criminal violations. (See 18 U.S.C. 1001.)

	E. STATE SIGNATURE							
1,	1. Is any party described in 17 CFR 230,262 presently subject to any of the disqualification provisions of such rule?							
	See Appe	ndix, Column 5, for state response.						
2.	The undersigned issuer hereby undertakes to furnish to the state administrator of any state in which the notice is filed, a notice on Form D (17 CFR 239.500) at such times as required by state law.							
3.	The undersigned issuer hereby undertakes to furnish to any state administrators, upon written request, information furnished by the issuer to offerees.							
4.	5. The undersigned issuer represents that the issuer is familiar with the conditions that must be satisfied to be entitled to the Uniform limited Offering Exemption (ULOE) of the state in which this notice is filed and understands that the issuer claiming the availability of this exemption has the burden of establishing that these conditions have been satisfied.							
	e issuer has read this notification and knows the contents to be true an son.	d has duly caused this notice to be signed on its behalf by the undersigned	duly authoris	zed				
Iss	uer (Print or Type)	Signature	Date					
Li	goCyte Pharmaceuticals, Inc.	Down June	March <u>28</u> ,	2008				
Na	me of Signer (Print or Type)	Title of Signer (Print or Type)						
Do	nald P. Beeman	Chief Executive Officer						

END

Instruction:

Print the name and title of the signing representative under his signature for the state portion of this form. One copy of every notice on Form D must be manually signed. Any copies not manually signed must be photocopies of the manually signed copy or bear typed or printed signatures.